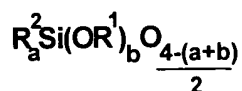


What is claimed is:

1. A method for dispersing solids in a medium that comprises at least one solid which comprises adding to said medium at least one silicone resin which is obtainable by reacting

a) an alkoxysiloxane of the general formula



5

where

R^1 is a lower alkyl group,

R^2 is an alkyl or phenyl group,

10

a is from 1.0 to 1.2,

b is from 0.5 to 1.0,

with the proviso that at least 50% by weight corresponds to the formula



with

15

b) one or more hydroxyl-containing polyesters,

and, optionally,

20

c) one or more low molecular weight alcohols,

wherein it is possible for the alkoxysiloxane to be reacted partly or fully, based on the amount of (OR^1) groups in a), but the reaction being taken at least to the point where a clear solution is obtained.

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2. The method according to claim 1 wherein R^1 is a C_1 - C_4 group.

3. The method according to the claim 1 wherein R^1 is an ethyl radical.

4. The method according to claim 1 wherein R^2 is a phenyl radical.

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5. The method according to claim 1 wherein R^1 is an ethyl radical and R^2 is a phenyl radical.
6. The method according to claim 1, wherein the hydroxyl-containing polyester is the reaction product of at least one dicarboxylic acid or derivative thereof and at least one diol.
- 5 7. The method according to claim 1, wherein the hydroxyl-containing polyester is the reaction product of at least one hydroxycarboxylic acid and/or its lactone and at least one diol.
8. The method according to claim 1, wherein the hydroxyl-containing polyester has a molar
10 mass of from about 100 to about 10,000 g/mol.
9. The method according to claim 1, wherein the low molecular weight is a monohydric to tetrahydric alcohol or an amino alcohol.
- 15 10. The method according to claim 1, wherein the medium is a liquid.
11. The method according to claim 1, wherein the medium is a solid.
12. The method according to claim 1, wherein the solid is a pigment.
- 20 13. The method according to claim 12, wherein the pigment is an inorganic pigment selected from the group consisting of carbon blacks, titanium dioxide, zinc oxide, Prussian blue, iron oxides, cadmium sulfide, chromium pigment and sulfates of lead, zinc, barium, calcium and mixtures thereof or an organic pigment selected from the group consisting of azo, diazo,
25 condensed azo, naphthol, metal complex, thioindigo, indanthrone, isoindanthrone, anthanthrone, anthraquinone, isodibenzanthrone, triphendioxazine, quinacridone, perylene, diketopyrrolopyrrole, and phthalocyanine pigments.
14. The method according to claim 1, wherein the solid is a filler.
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15. The method according to claim 14, wherein the solid is selected from the group consisting of talc, kaolin, silicas, barytes, lime, oxides, silicates, zirconium oxides, titanium oxides, boron nitrides, silicon nitrides, boron carbides, mixed silicon-aluminum nitrides, metal titanates, magnetic oxides of transition metals, cobalt-doped iron oxides, ferrites, metals, and the alloys thereof, biocides, agrochemicals, and drugs.
16. The method according to claim 1, wherein a low molecular weight alcohol is present and is selected from the group consisting of methanol, ethanol, propanol, isopropanol, 2-butanol, isobutanol, hexanol, dodecanol, ethylene glycol, propylene glycol, butanediol, hexanediol, diethylene glycol, dipropylene glycol, trimethylolethane, trimethylolpropane, pentaerythritol, ditrimethylolpropane, hexahydric alcohols, such as methanol, ethanol, propanol, isopropanol, 2-butanol, isobutanol, hexanol, dodecanol, ethylene glycol, propylene glycol, butanediol, hexanediol, diethylene glycol, dipropylene glycol, trimethylolethane, trimethylolpropane, pentaerythritol, ditrimethylolpropane, alcohols, dipentaerythritol, 2-aminoethanol, 2-(2-aminoethylamino)ethanol, triethanolamine, diethanolamine, propanolamine, 2-amino-1,3-propanediol, 2-aminoisobutanol, aminohexanol, aminophenylethanol, and hydroxyethylpyridine.
17. A pigment paste which comprises at least one pigment and a silicone resin obtainable by reacting
- a) an alkoxysiloxane of the general formula
- $$R_a^2 Si(OR^1)_b O_{\frac{4-(a+b)}{2}}$$
- where
- R^1 is a lower alkyl group,
- R^2 is an alkyl or phenyl group,
- a is from 1.0 to 1.2,
- b is from 0.5 to 1.0,
- with the proviso that at least 50% by weight corresponds to the formula $[R^2 Si(OR^1)O]_n$, $n = 3$ to 8,
- with

b) one or more hydroxyl-containing polyesters,

and, optionally,

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c) one or more low molecular weight alcohols,

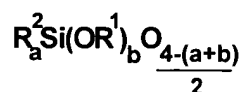
wherein it is possible for the alkoxysiloxane to be reacted partly or fully, based on the amount of (OR¹) groups in a), but the reaction being taken at least to the point where a clear solution is obtained.,

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18. A printing ink or paint varnish which comprises a pigment and/or dye, optionally a solvent, and at least one silicone resin obtainable by reacting

a) an alkoxysiloxane of the general formula

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where

R¹ is a lower alkyl group,

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R² is an alkyl or phenyl group,

a is from 1.0 to 1.2,

b is from 0.5 to 1.0,

with the proviso that at least 50% by weight corresponds to the formula



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with

b) one or more hydroxyl-containing polyesters,

and, optionally,

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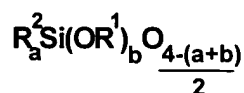
c) one or more low molecular weight alcohols,

wherein it is possible for the alkoxysiloxane to be reacted partly or fully, based on the amount of (OR¹) groups in a), but the reaction being taken at least to the point where a clear solution is obtained.

19. The printing ink or paint varnish according to claim 18, wherein the pigment is carbon black.

20. A coating which comprises at least one solid, optionally a solvent, and at least one silicone resin obtainable by reacting

a) an alkoxysiloxane of the general formula



where

R¹ is a lower alkyl group,

R² is an alkyl or phenyl group,

a is from 1.0 to 1.2,

b is from 0.5 to 1.0,

with the proviso that at least 50% by weight corresponds to the formula



with

b) one or more hydroxyl-containing polyesters,

and, optionally,

c) one or more low molecular weight alcohols,

wherein it is possible for the alkoxysiloxane to be reacted partly or fully, based on the amount of (OR¹) groups in a), but the reaction being taken at least to the point where a clear solution is obtained.

21. The coating according to claim 20 which is a pigmented UV coating which comprises carbon black as the pigment.